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Mar 15, 2001

DERWENT-ACC-NO: 2001-547660

DERWENT-WEEK: 200161

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TITLE: Cemphalt and its manufacture

INVENTOR: HUH, J D

PATENT-ASSIGNEE:

ASSIGNEE

CODE

DREAMTECH CO

DREAN

PRIORITY-DATA: 1999KR-0035597 (August 26, 1999)

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PATENT-FAMILY:

PUB-NO

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C04B016/00

APPLICATION-DATA:

PUB-NO

APPL-DATE

APPL-NO

DESCRIPTOR

KR2001019265A

August 26, 1999

1999KR-0035597

INT-CL (IPC): C04B 16/00

ABSTRACTED-PUB-NO: KR2001019265A

BASIC-ABSTRACT:

NOVELTY - Provided is a manufacturing method of cemphalt having an intermediate property of cement and asphalt by mixing cement and asphalt as main materials, organic additive and aggregates at room temperature. The resultant cemphalt enables to pave roads continuously without a gap and has fluidity-resistance and impact-resistance.

DETAILED DESCRIPTION - Cemphalt is manufactured by mixing 10-20wt.% of asphalt, 10-30wt.% of cement, 30-60wt.% of coarse aggregates, 20-50wt.% of soil or fine aggregates and the balance of reinforcing fibers, where the used asphalt is prepared by mixing asphalt, water, surfactant (anionic or cationic) and organic additive such as soluble latex, emulsion, polymer (polyvinyl alcohol, polyethylene oxide, etc.) at 50-60 deg. C.

CHOSEN-DRAWING: Dwg.0/0

TITLE-TERMS: MANUFACTURE

DERWENT-CLASS: A93 L02

CPI-CODES: A03-C03; A08-S01; A12-R09; L02-D09; L02-D10; L02-D11;

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C2001-163213

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